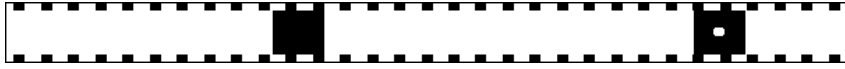


TuneLab Pro



Installation and Getting Started

©2008 Real-Time Specialties
6384 Crane Road
Ypsilanti, MI 48197

web site: www.tunelab-world.com
e-mail: info@tunelab-world.com
phone: (734) 434-2412

TuneLab Pro is a piano tuning program that runs on laptop or desktop Windows computers. The computer only needs to have a standard sound system with a microphone.

If you have a previous version of TuneLab Pro, then you do not need to un-install anything before installing a newer version of TuneLab Pro. Simply install TuneLab Pro as if it were the first time, and it will write over any previous installation. Re-installing TuneLab Pro will not affect any custom tuning files that you may have created. It will, however, overwrite the Default tuning file and the TuneLabSettings.txt file. So if you made any custom changes to either of those files, you will have to make them again after the installation.

Installation

From a Downloaded Installation File:

- Download the installation file using your web browser.
- As the file is downloading, note the path (folder) in which your browser is storing the file.
- After the download is complete, use Windows Explorer to navigate to the downloaded file. Double click on the file name. If the computer used for the download is not the one on which you want to install TuneLab, then copy the installation file to the target computer before running the installation.
- Follow the on-screen directions as the installation program executes.

From CD-ROM:

- Insert the TuneLab Pro CD into the CD drive on your computer.
- If the installation program does not begin automatically in 30 seconds, then from the Windows Start menu, select Run, then Browse, then select your CD-ROM drive.

- With the files on the CD-ROM displayed, double click on SETUP.EXE and click on **OK**.
- Follow the on-screen directions.

However it is started, the installation program guides you through the installation process. Unless you have a good reason for choosing otherwise, simply accept all the defaults offered to you by the installation program. Continue to click on Next until you see Finish, then click on that. When the installation is complete you should see a new desktop shortcut to TuneLab Pro that looks like this:



The installation program places a shortcut to TuneLab Pro on your desktop and under Programs in your Start menu. Either of these shortcuts may be used to launch TuneLab Pro. Double click on the desktop shortcut to begin.

Running TuneLab Pro

When you run TuneLab Pro for the first time after installation, it will run in the free-trial mode, which means that the program will occasionally pause for two minutes with a message box advising of the reason for the pause. If you have purchased TuneLab Pro, then you can convert the free-trial mode to the paid mode by going to **Help, Enter License Information** in the TuneLab menu and following the on-screen instructions. After you enter the license information, TuneLab will exit. Then when you start up TuneLab again, it will start up in the paid mode and there will be no more two-minute delays. You can tell if you are running in free-trial mode or paid mode by looking just under the toolbar on the right. The trial version says "**Trial Version**", while the paid version says "**Licensed to: <your name>**". If your computer has multiple user logins, then the license information will be stored for the current user. If you would like to enable TuneLab for other users, then simply enter the same license information for the other users as well. In every case, though, the registered name that you enter must be the same as the name that appears with the license number.

It is a violation of the license agreement to share your license number with another party.

Now that you have TuneLab Pro running, you should do the following:

- Verify that the microphone in your computer is working properly, as described in the next section.
- Perform a calibration to ensure some degree of accuracy in the absolute pitch of TuneLab Pro. You can become familiar with the calibration process by trying it out with a tuning fork. Then, after you have acquired more familiarity with the operation of TuneLab Pro, you can re-do the calibration based on a more precise source of pitch,

such as the standard tones from NIST. See the TuneLab manual, or the Help files for more information on calibration.

Checking the Microphone

In the upper right corner of the TuneLab Pro display there is a small box labeled “**mic level**”. In this box is a bar graph and a percentage that indicate the volume level being received from the microphone. Most laptop computers have a built-in microphone with the option of connecting an external microphone. Make some noise in the microphone and check that the **mic level** indicator is responding by indicating levels from below 1% when all is quiet to near 100% for loud sounds. If you see such responses to sound in the microphone, then you can be fairly sure that the microphone is working properly. If there is no response to sound in the **mic level** indicator, then there are several things to try.

- If you are using an external microphone, try disconnecting it and using the built-in microphone.
- If the **mic level** is zero or nearly zero, then you may need to adjust the system volume control for your microphone. These volume controls are slightly different in various computers, but here is a common way to access the volume control. From your system Start menu, select Settings, then Control Panel. Locate and double click on the multimedia icon to bring up recording and playback settings. You may find a recording volume control here that is set too low. Also look for mixer controls that control microphone volume.
- If the microphone still doesn't work, try running other sound applications, like the Sound Recorder, which is supplied with Windows. If the microphone works fine on other sound applications but not on TuneLab Pro, contact us for assistance.

Pitch Calibration

You must calibrate TuneLab Pro before you can depend on it for absolute accuracy. TuneLab Pro uses the sound card sampling rate in your computer as the reference for all its pitch calculations. Since sound card sampling rates vary from one computer to another, the best absolute accuracy can only be achieved if TuneLab Pro can compensate for those differences, and that is what calibration does. The most accurate calibration is done using the NIST tones over the telephone, as described in the manual.

See Help Topics in the Help menu in TuneLab Pro for the most complete instructions for calibration.

Accessing Help

From the Help menu in TuneLab Pro, select Help Topics. This will show a table of contents organized according to “books”. Double click on any book to open it up and you will see the topics contained in that book. There also is a tutorial available from the Help menu to guide you through some of the more basic operations.

To read any particular topic in the table of contents of the Help file, double click on that topic. When the topic is displayed you can resize the Help window by dragging the borders with the mouse. After reading a particular topic you can return to the table of contents by clicking on the Topics button. Within many topics there are links to other topics. You can follow these links by clicking on them and then use the Back button to return to the previous topic.

Some of these help topics are directly accessible from the dialog box in TuneLab Pro that they document. For example, when you select Calibrating to an External Reference from the File menu, there is a help button at the bottom of the calibration box. Pressing this help button will show help specific to the operation of calibration.

Most buttons and display fields and menu items in TuneLab Pro have context help associated with them. To get context help on any item, place the mouse cursor over the item and click the right mouse button or press the **F1** key. For buttons and display fields you can also get context help by right-clicking on the item or clicking on the “?” sign in the upper right of a window and then carrying that “?” sign to the item in question and clicking again. Context help is a quick way to find out the function of a button, menu item, or display field.

Finally, there are descriptive tooltips that appear whenever you rest the cursor over most buttons. These tooltips describe the function of the button and give the alternate means of accessing the function from the keyboard.

Your TuneLab Pro Registered Name and License Number: